

# Mobile Forensics 202 EU

*Methods to uncover additional data using new techniques.*



**Welcome to the second phase of Mobile Forensics Inc.'s Continuing cellular data extraction workshops.**

***Prerequisite:*** The student must have completed a basic cellular phone class – either MFI 101, Paraben, BK, Search, etc

***Class Schedule:*** 5 Day course which will cover the following material:

- AT Commands
- MPE+ SIM/USIM
- Forensic SIM Clone
- Port Monitoring
- FLASH Boxes (UFS/NSPRO)
- Breakdown of output using: FTK, Cellphone Analyzer
- Cellebrite Physical Analyzer
- PMExplorer/ReVenge
- Class Labs
- Test Practicals
- Written Examination

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## Day One

Provide information on the current Community Status

- Discuss Current Pitfalls
- Overview on the History of Modems
- AT Commands
  - Understand structure
  - Issue Commands/Extract Data
- Labs

SIM Cards

- Advanced discussion on structure
- Communication with SIMs via APDU
- AccessData MPE+ SIM/USIM module
- Manual Creation of Forensic SIMs
- Labs

## Day Two

Obtaining Physical Data

- Offsets/Permanent Memory
- Manual interpretation of Flash
- Hardware Service Tools
  - Flashers (UFS/NSPRO)
- Software
  - Port Monitoring
  - UFS
  - KDIF
  - Cellphone Analyzer
- Labs

## Day Three

Cellphone Artifacts

- Location and interpreting
  - Dates
  - Times
  - Phone Data
- Using of RevEnge to interpret data
- Labs

## Day Four

Cellebrite Physical Analyzer Software

- Setup and Activation
- Interface Familiarization
- Process Settings
- Usage of advanced searching methods
- Filtering data
- Reporting of parsed, book marked and searches conducted on evidence

## Day Five

Review of material

Written Examination

Practical Examination